CLAIMS:

Sub. 1.

A method for preparing a factor VIII having modified glycosylation comprising the steps of

mutating a desired segment of factor VIII DNA to encode -N-X-S/T, where N is asparagine, X is any amino acid and S/T is serine or threonine, thereby providing mutated factor VIII DNA encoding a post-translational glycosylation site at the desired locus of factor VIII proten, and

10

expressing the mutated DNA in a host cell capable of post-translational glycosylation, whereby factor VIII having modified glycosylation is prepared.

as , B2